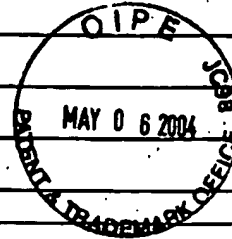


INFORMATION DISCLOSURE CITATION

Atty. Docket No.	08981.0003-00000	Appln. No.	10/728,942
Applicant	Jia-Ning XIANG et al.		
Filing Date	December 8, 2003	Group:	Not Yet Assigned



U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
B	3,462,536	Aug 19, 1969	Chemerda et al.			
B	3,715,382	Feb 6, 1973	Karady et al.			
B	3,746,753	Jul 17, 1973	Karady et al.			
B	4,051,251	Sep 27, 1977	Stone			
B	4,055,645	Oct 25, 1977	Scriabine			
B	4,156,734	May 29, 1979	Stone			
B	4,663,349	May 5, 1987	Repta			
B	4,873,263	Oct 10, 1989	Repta			

FOREIGN PATENT DOCUMENTS

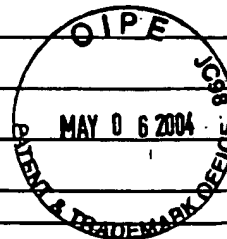
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
230 865 A1	Dec 11, 1985	Germany			Yes; abstract only
60-11448	Jan 21, 1985	Japan			Yes; abstract only
WO 02/34237 A1	May 2, 2002	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	<i>B. D. D.</i>	Date Considered	<i>12-7-2005</i>
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			
Form PTO 1449		Patent and Trademark Office - U.S. Department of Commerce	

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	08981.0003-00000	Appln. No.	10/728,942
Applicant	Jia-Ning XIANG et al.		
Filing Date	December 8, 2003	Group:	Not Yet Assigned



U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>BH</i>	4,313,956	Feb 2, 1982	Bodor et al.			
<i>BH</i>	4,771,073	Sep 13, 1988	Repta			

FOREIGN PATENT DOCUMENTS						
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
<i>BH</i>	0 309 827 A1	Apr 5, 1989	EPO			
<i>BH</i>	20 62 285 A	Jul 1, 1971	Germany			No
<i>BH</i>	240 818 A3	Nov 19, 1986	Germany			No
<i>BH</i>	1 261 660 A	Jan 26, 1972	Great Britain			
<i>BH</i>	1 343 408 A	Jan 10, 1974	Great Britain			
<i>BH</i>	WO 02/28882 A1	Apr 11, 2002	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

Examiner	<i>B. Renty</i>	Date Considered	<i>12/7/2005</i>
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

1 sheet 1 of 4

Complete if Known

Application Number	10/728,942
Filing Date	December 8, 2003
First Named Inventor	Jia-Ning XIANG et al.
Art Unit	1625
Examiner Name	Bernard I. Dentz
Attorney Docket Number	08981.0003-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
BD		2,996,431	08-15-1961	Barry	
BD		3,139,383	06-30-1964	Neville	
BD		3,402,240	09-17-1968	Cain et al.	
BD		3,676,480	07-11-1972	Sletzing et al.	
BD		3,715,382	02-06-1973	Karady et al.	
BD		3,811,444	05-21-1974	Heller et al.	
BD		3,845,770	11-05-1974	Theeuwes et al.	
BD		3,916,899	11-04-1975	Theeuwes et al.	
BD		3,962,414	06-08-1976	Michaels	
BD		3,992,518	11-16-1976	Chien et al.	
BD		4,063,064	12-13-1977	Saunders et al.	
BD		4,066,747	01-03-1978	Capozza	
BD		4,070,347	01-24-1978	Schmitt	
BD		4,079,038	03-14-1978	Choi et al.	
BD		4,083,949	04-11-1978	Benedikt	
BD		4,088,864	05-09-1978	Theeuwes et al.	
BD		4,093,709	06-06-1978	Choi et al.	
BD		4,200,098	04-29-1980	Ayer et al.	
BD		4,285,987	08-25-1981	Ayer et al.	
BD		4,311,706	01-19-1982	Bodor et al.	
BD		4,421,736	12-20-1983	Walters	
BD		4,434,153	02-28-1984	Urquhart et al.	
BD		4,721,613	01-26-1988	Urquhart et al.	
BD		4,752,470	06-21-1988	Mehta	
BD		4,816,263	03-28-1989	Ayer et al.	
BD		4,820,523	04-11-1989	Shtohryn et al.	
BD		4,826,875	05-02-1989	Chiesi	
BD		4,853,229	08-01-1989	Theeuwes	
BD		4,966,915	10-30-1990	Tsuchiya et al.	
BD		5,017,607	05-21-1991	Chiesi	
BD		5,462,933	10-31-1995	Kramer et al.	
BD		5,607,969	03-04-1997	Milman et al.	
BD		5,840,756	11-24-1998	Cohen et al.	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/728,942
				Filing Date	December 8, 2003
				First Named Inventor	Jia-Ning XIANG et al.
				Art Unit	1625
				Examiner Name	Bernard I. Dentz
Sheet	2	of	4	Attorney Docket Number	08981.0003-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
B		6,051,576	04-18-2000	Ashton et al.	
B		6,171,615	01-09-2001	Roussin et al.	
B		6,375,987	04-23-2002	Farah et al.	
B		6,379,700	06-14-2001	Joachim et al.	
B		2002/0099041 (publication of application 09/972,411, a non-provisional application of 60/238,758)	07-25-2002	Gallop et al.	

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004


FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		CA 919691	01-23-1973	Merck & Co., Inc.		
B		CA 929483	07-03-1973	Merck & Co., Inc.		
B		CA 951661	07-23-1974	Merck & Co., Inc.		
B		CA 951662	07-23-1974	Merck & Co., Inc.		
B		CA 956969	10-29-1974	Merck & Co., Inc.		
B		CA 971974	07-29-1975	Merck & Co., Inc.		
B		DE 2 062 285	07-01-1971	Merck & Co., Inc.		Yes- certain priority documents are listed/provided
B		DD 240 818	11-19-1986	Schmitz et al.		Yes-Abstract and Example 14 only
B		WO 95/20567 A1	08-03-1995	University of Kentucky Research Foundation		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
B	1.	International Search Report for PCT/US03/38742, dated March 30, 2004 (5 pages).	
B	2.	CHENG and FUNG, "Dose-Dependent Pharmacokinetics of Levodopa and its Metabolites in the Rat," <i>Xenobiotica</i> , 6(4):237-248 (1976).	
B	3.	KURLAN et al., "Duodenal and Gastric Delivery of Levodopa in Parkinsonism," <i>Ann. Neurol.</i> , 23(6):589-595 (1988).	
B	4.	IWAMOTO et al., "Effect of Age on Gastrointestinal and Hepatic First-Pass Effects of Levodopa in Rats," <i>J. Pharm. Pharmacol.</i> , 39:421-425 (1987).	
B	5.	Entry on Sinemet® in <i>Physicians' Desk Reference</i> , 56th Edition (2002).	
B	6.	YEH et al., "Pharmacokinetics and Bioavailability of Sinemet CR: A Summary of Human Studies," <i>Neurology</i> , 39(Suppl. 2):25-38 (1989).	
B	7.	SANDLER et al., "Variation of Levodopa Metabolism with Gastrointestinal-Absorption Site," <i>The Lancet</i> , 1(7851):238-240 (1974).	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/728,942
				Filing Date	December 8, 2003
				First Named Inventor	Jia-Ning XIANG et al.
				Art Unit	1625
				Examiner Name	Bernard I. Dentz
Sheet	3	of	4	Attorney Docket Number	08981.0003-00000

NON PATENT LITERATURE DOCUMENTS		
8.	"SkyePharma's Medopar-DR approved," <i>Scrip</i> , 2233:21 (1997).	
9.	JUNCOS et al., "Levodopa Methyl Ester Treatment of Parkinson's Disease," <i>Neurology</i> , 37:1242-1245 (1987).	
10.	COOPER et al., "L-Dopa Esters as Potential Prodrugs: Effect on Brain Concentration of Dopamine Metabolites in Reserpinized Mice," <i>J. Pharm. Pharmacol.</i> , 39:809-818 (1987).	
11.	GRAUL, "The Year's New Drugs," <i>Drug News Perspect.</i> , 14(1):12-31 (2001).	
12.	FIX et al., "Short-Chain Alkyl Esters of L-Dopa as Prodrugs for Rectal Absorption," <i>Pharm. Res.</i> , 6(6):501-505 (1989).	
13.	FIX et al., "A Comparison of Oral and Rectal Absorption of L-Dopa Esters in Rats and Mice," <i>Pharm. Res.</i> , 7(4):384-387 (1990).	
14.	LEPPERT et al., "The Effects of Carbidopa Dose and Time and Route of Administration on Systemic L-Dopa Levels in Rats," <i>Pharm. Res.</i> , 5(9):587-591 (1988).	
15.	CONTIN et al., "Pharmacokinetic Optimisation in the Treatment of Parkinson's Disease," <i>Clin. Pharmacokin.</i> , 30(6):463-481 (1996).	
16.	LU and YU, "Dimensionless Presentation for Drug Release from a Coated Pure Drug Bead: 2. Experiment," <i>Int. J. Pharm.</i> , 112:117-124 (1994).	
17.	FELMEISTER, "Powders," in <i>Remington's Pharmaceutical Sciences</i> , Mack Publishing Company, Fourteenth Edition, Chapter 86, pp. 1626-1628 (1970).	
18.	FINCHER, "Particle Size of Drugs and Its Relationship to Absorption and Activity," <i>J. Pharm. Sci.</i> , 57(11):1825-1835 (1968).	
19.	KING and SCHWARTZ, "Oral Solid Dosage Forms," in <i>Remington's Pharmaceutical Sciences</i> , Mack Publishing Company, Chapter 90, pp. 1603-1625 (1985).	
20.	SEFTON, "Implantable Pumps," <i>CRC Crit. Rev. Biomed. Eng.</i> , 14(3):201-240 (1987).	
21.	SAUDEK et al., "A Preliminary Trial of the Programmable Implantable Medication System for Insulin Delivery," <i>N. Engl. J. Med.</i> , 321(9):574-579 (1989).	
22.	LANGER and PEPPAS, "Chemical and Physical Structure of Polymers as Carriers for Controlled Release of Bioactive Agents: A Review," <i>J. Macromol. Sci. Rev. Macromol Chem. Phys.</i> , C23(1):61-126 (1983).	
23.	LEVY et al., "Inhibition of Calcification of Bioprosthetic Heart Valves by Local Controlled-Release Diphosphonate," <i>Science</i> , 228:190-192 (1985).	
24.	DURING et al., "Controlled Release of Dopamine from a Polymeric Brain Implant: In Vivo Characterization," <i>Ann. Neurol.</i> , 25:351-356 (1989).	
25.	HOWARD et al., "Intracerebral Drug Delivery in Rats with Lesion-Induced Memory Deficits," <i>J. Neurosurg.</i> , 71:105-112 (1989).	
26.	ALDERMAN, "A Review of Cellulose Ethers in Hydrophilic Matrices for Oral Controlled-Release Dosage Forms," <i>Int. J. Pharm. Tech. & Prod. Mfr.</i> , 5(3):1-9 (1984).	
27.	BAMBA et al., "Release Mechanisms in Gelforming Sustained Release Preparations," <i>Int. J. Pharm.</i> , 2:307-315 (1979).	
28.	GOODSON, "Dental Applications" in <i>Medical Applications of Controlled Release, Volume II: Applications and Evaluation</i> , Langer and Wise (Eds.), CRC Press, Inc., Chapter 6, pp. 115-138 (1984).	
29.	LANGER, "New Methods of Drug Delivery," <i>Science</i> , 249:1527-1533 (1990).	
30.	LINHARDT, "Biodegradable Polymers for Controlled Release of Drugs," in <i>Controlled Release of Drugs: Polymers and Aggregate Systems</i> , Rosoff (Ed.), VCH Publishers, Chapter 2, pp. 53-95 (1989).	
31.	COLEMAN et al., "Polymer Reviews: A Practical Guide to Polymer Miscibility," <i>Polymer</i> , 31:1187-1203 (1990).	
32.	HOES and FEIJEN, "The Application of Drug-Polymer Conjugates in Chemotherapy," in <i>Horizons in Biochemistry and Biophysics, Volume 9: Drug Carrier Systems</i> , Roerdink and Kroon (Eds.), John Wiley & Sons, Chapter 3, pp. 57-109 (1989).	
33.	LEONG and LANGER, "Polymeric Controlled Drug Delivery," <i>Adv. Drug Delivery Rev.</i> , 1:199-233 (1987).	
34.	VERMA et al., "Osmotically Controlled Oral Drug Delivery," <i>Drug Dev. Ind. Pharm.</i> , 26(7):695-708 (2000).	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				<i>Application Number</i>	10/728,942
				<i>Filing Date</i>	December 8, 2003
				<i>First Named Inventor</i>	Jia-Ning XIANG et al.
				<i>Art Unit</i>	1625
				<i>Examiner Name</i>	Bernard I. Dentz
Sheet	4	of	4	<i>Attorney Docket Number</i>	08981.0003-00000

Examiner Signature		Date Considered	12-7-2005
-----------------------	---	--------------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.